CAS/STN FILE 'WPIX, HCAPLUS' ENTERED AT 13:34:26 ON 06 JAN 2005
```
L35        12  S   (US5501990 OR US5324980 OR US20020125410
                   OR US20020003169 OR US6122042 OR US6133954 OR US3757511 OR US6222208 OR US5412372)/PN


       FILE 'STNGUIDE' ENTERED AT 13:34:28 ON 06 JAN 2005


       FILE 'WPIX, HCAPLUS' ENTERED AT 13:35:56 ON 06 JAN 2005
L36         8  S   (US5566010 OR US6014120 OR US5543988 OR US6137165 OR US5557739 OR US5812191)/PN
L37        20  S   L35 OR L36
L38            SEL PLU=ON  L37 1- PN :      64 TERMS


       FILE 'DPCI' ENTERED AT 13:36:38 ON 06 JAN 2005
L39       231  S   L38/PN.D
L40            SEL PLU=ON  L39 1- PRN :     373 TERMS
L41        82  S   L39 AND PRY>1999
L42        50  S   L39 AND 1999/PRY
L43        55  S   L39 AND 1998/PRY
L44        41  S   L39 AND 1997/PRY
L45        25  S   L39 AND 1996/PRY
L46        12  S   L39 AND 1995/PRY
L47        18  S   L39 AND 1994/PRY
L48        15  S   L39 AND 1993/PRY
L49       149  S   L39 NOT L41
L50       176  S   L49 OR (L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR L48)
L51        53  S   L50 AND (SENS#### OR DISPLAY##### OR LOGIC###)
L52        33  S   L50 AND (SOC OR SYSTEM OR CHIP)
L53         0  S   L50 AND SAME SUBSTRATE
L54         0  S   L50 AND ONE SUBSTRATE
L55         1  S   L50 AND (COMPACT### OR DENS###)
L56        47  S   L50 AND H01L027?/IC
L57        23  S   L50 AND SUBSTRATE
L58       119  S   (L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57)
L59       176  S   (L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58)
L60            SEL PLU=ON  L59 1- PRN :     296 TERMS


       FILE 'WPIX, JAPIO, TULSA, HCAPLUS' ENTERED AT 13:41:39 ON 06 JAN 2005
L61       404  S   L60
L62       122  S   L61 AND DISPLAY#####
L63       122  S   L61 AND ?DISPLAY?
L64         0  S   L61 AND MICRODISPLAY?
L65        24  S   L61 AND INDICAT#####
L66        15  S   L61 AND LIGHT EMIT#####
L67        84  S   L61 AND (BIOSENS###### OR MICROSENS###### OR NANOSENS##### OR SENS####)
L68        33  S   L61 AND (LOGIC### OR MOSFET OR CMOS##### OR METAL OXIDE SEMICOND#########)
L69        33  S   L61 AND (SOC OR (LAB OR LABORATOR##### OR SYSTEM)(3A)(CHIP OR MICROCHIP OR WAFER
OR SUBSTRATE) OR (SAME OR SINGLE OR ONE OR 1 OR INTEGRAT####)(3W)(SUBSTRATE OR CHIP OR MICROCHIP))
L70         3  S   L61 AND (MULTI OR MULTIPLE OR THREE)(2W)(DEVICE OR COMPONENT OR ELEMENT)
L71       146  S   (L62 OR L63 OR L64 OR L65 OR L66)
L72         5  S   L67 AND L68 AND L71
L73        13  S   L67 AND L68
L74        18  S   L67 AND L71
L75         8  S   L68 AND L71
L76         1  S   L69 AND L70
L77        21  S   (L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR L68) AND L69
L78        45  S   L70 OR (L72 OR L73 OR L74 OR L75 OR L76 OR L77)
L79        10  S   L78 AND H01L027?/IC
L80         8  S   L78 AND (SI OR SILICON OR POLYSI? OR
                   SEMICOND#######)(2W)(CHIP OR MICROCHIP OR BASE OR SURFACE OR WAFER OR SUBSTRATE)
L81         5  S   L80 NOT L79
L82        30  S   L78 NOT (L79 OR L80 OR L81)
L83        12  S   L78 AND (SI OR SILICON OR POLYSI? OR
                   SEMICOND#######)(3A)(CHIP OR MICROCHIP OR BASE OR SURFACE OR WAFER OR SUBSTRATE)
L84         3  S   L82 AND L83
L85        50  S   L61 AND H01L027-14?/IC
L86        18  S   L84 OR (L79 OR L80 OR L81)
L87     67924  S   (GAAS OR GA OR GALLIUM OR ARSENIDE)(3A) SUBSTRATE
L88         0  S   L85 AND L87
L89         0  S   L71 AND L87
L90         2  S   L61 AND L87
```

```
L91          24   S    L71 AND INTEGRA########
L92          20   S    L86 OR L90
L93          20   S    L91 NOT L92
L94           7   S    (L65 OR L66 OR L67 OR L68 OR L69 OR L70) AND L93
L95           3   S    (L72 OR L73 OR L74 OR L75 OR L76) AND L93
L96           7   S    (L94 OR L95) NOT L86
L97         404   S    (L61 OR L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR L71 OR L72
OR L73 OR L74 OR L75 OR L76 OR L77 OR L78 OR L79 OR L80 OR L81 OR L82 OR L83 OR L84 OR L85 OR L86) OR
(L90 OR L91 OR L92 OR L93 OR L94 OR L95 OR L96)
L98          27   S    L90 OR L96 OR L86
L99         377   S    L97 NOT L98
L100          0   S    L99 AND SOC
L101          0   S    L99 AND SOMC
L102         96   S    L99 AND SYSTEM
L103          2 · S    L99 AND (LAB OR LABORATORY)
L104          0   S    L99 AND (LIGA OR MEMS OR MICROMECH######## OR MICROELECTROMECH######## OR NEMS OR
ELECTROMECH?)
L105          8   S    L85 AND L102
L106          8   S    L105 NOT L103
L107         20   S    L61 AND (SINGLE OR ONE OR SAME)(2W) SUBSTRATE
L108         15   S    L61 AND (SINGLE OR ONE OR SAME)(2W)(CHIP OR MICROCHIP OR BASE OR SURFACE OR PLATE
OR WAFER OR·DIE)
L109         37   S    L106 OR L103 OR L98
L110         24   S    (L107 OR L108) NOT L109
```

CAS/STN FILE 'REGISTRY' ENTERED AT 11:49:24 ON 04 JAN 2005

```
L1        471    S    SI/MF OR GE/MF OR AS.GA/MF OR AS GA/ELF
L2        685    S    L1 OR AS/MF OR GA/MF
```

FILE 'HCAPLUS' ENTERED AT 11:51:02 ON 04 JAN 2005

```
L3      12677    S    (SENS### OR MICROSENS#### OR NANOSENS#### OR BIOSENS####) AND (L2 OR
SEMICOND#######(3A)(DIE OR SUBSTRATE OR CHIP OR SUPPORT OR BASE OR DIES OR MICROCHIP?))
L4         65    S    L3 AND (SYSTEM OR LAB OR LABORATOR#####)(2W)CHIP
L5       2089    S    L3 AND (DISPLAY? OR PIXEL? OR VISUAL? OR GRAPHIC? OR INDICAT? OR GUI OR
OUTPUT?)
L6         50    S    L3 AND LOGIC
L7        210    S    L3 AND IC
L8       1656    S    L3 AND CIRCUIT##
L9         61    S    L3 AND PROCESSOR
L10        34    S    L3 AND MICROPROCESSOR
L11       561    S    L3 AND CMOS####
L12       705    S    L3 AND (MOS OR MOSFET####)
L13       601    S    L5 AND (L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12)
L14         3    S    L4 AND L13
L15     68215    S    (L1 OR L2) AND (DISPLAY? OR PIXEL? OR VISUAL? OR GRAPHIC? OR INDICAT? OR GUI
OR OUTPUT?)
L16      2319    S    L15 AND (IC OR LOGIC OR CPU OR PROCESSOR OR MICROPROCESSOR OR MOS OR MOSFET
OR CMOS######)
L17         5    S    L16 AND (SYSTEM OR LAB OR LABORATOR#####)(2W)CHIP
L18         4    S    L17 NOT L14
L19       125    S    MICRODISPLAY?/BI,PA,CS
L20        35    S    (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR
                      L13 OR L14 OR L15 OR L16) AND L19
L21        15    S    L20 AND (SYSTEM OR CHIP)
L22        28    S    L20 AND (LOGIC OR DISPLAY######)
L23         0    S    L20 AND ?SENS?
L24         2    S    L20 AND ?DETECT?
L25        11    S    L21 AND L22
L26        12    S    (L24 OR L25) NOT L18
L27        12    S    INTRACHIP
L28        26    S    INTRA CHIP
L29         0    S    INTRA MICROCHIP
L30        13    S    (L27 OR L28) AND (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10
                   OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22)
L31        10    S    L30 NOT (L26 OR L18)
L32      8539    S    (H01L027-14/IC OR H01L027-142/IC OR H01L027-144/IC OR H01L027-146/IC OR
                      H01L027-148/IC)
L33      1115    S    (L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR L13 OR L14
                      OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR
                      L25 OR L26 OR L27 OR L28) AND L32
L34       416    S    (L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR L13) AND L33
L35         0    S    (L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29
                      OR L30 OR L31) AND L34
L36         0    S    (L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29
                      OR L30 OR L31) AND L33
L37        21    S    L34 AND SYSTEM
L38         0    S    L34 AND LAB
L39         0    S    L34 AND LABORAT?
L40        21    S    L37 NOT (L31 OR L26 OR L18)
```

Logging in to Dialog

> 04jan05 10:15:15 User259284 Session D3014.2

File   2:INSPEC 1969-2004/Dec W2
       (c) Institution of Electrical Engineers


```
  Set     Items   Description
  S1     135645   R1:R22
  S2      64045   'LOGIC CIRCUITS' OR R7:R14 OR R32:R33 OR LOGIC??(2N)(IC OR
                    ICS OR CIRCUIT???? OR DEVICE?? OR ELEMENT?? OR COMPONENT??)
  S3       1514   1AND2
  S4       1245   S2 AND (DISPLAY??? OR OUTPUT??(W)DEVICE??)
  S5     226229   R1:R3 OR R6:R29 OR SENS???(W)(COMPONENT? ? OR ELEMENT? ? OR
                    DEVICE? ?)
  S6       2048   PIXEL???(2N)(ARRAY????? OR MATRIX???? OR ROW??? OR COLUMN?-
                    ???)
  S7      63146   LEDS OR LED
  S8      20688   LIGHT()EMIT????????
  S9     280854   GAGE? ? OR GAUGE? ? OR METER OR METERS OR ACCELEROMET? OR -
                    SENSOR? ?
 S10     297155   S1 OR S6 OR S7:S8 OR DISPLAY????
 S11     225541   S2 OR CPU OR MICROPROCESS????? OR PROCESSOR??
 S12     373983   S5 OR S9
 S13       2673   10AND11AND12
 S14          0   S13 AND ONE(2W)SUBSTRATE
 S15          2   S13 AND SINGLE(2W)SUBSTRATE
 S16          0   S13 AND INTEGRATED(2W)SUBSTRATE
 S17          0   S13 AND INTEGRATED(4W)SUBSTRATE
 S18        109   S13 AND COMPACT
 S19         26   S13 AND INTEGRAL??
 S20        464   S13 AND INTEGRATED
 S21          1   S13 AND SAME(2W)SUBSTRATE
 S22          0   S13 AND TOGETHER(3N)SUBSTRATE
 S23          0   S13 AND TOGETHER(5N)SUBSTRATE
 S24         88   S13 AND TOGETHER
 S25          0   S24 AND SUBSTRATE
 S26          1   S24 AND BASE
 S27          3   S24 AND PLATFORM
 S28          0   S24 AND WAFER
 S29         22   S18:S20 AND S24
 S30         32   S18 AND S19:S20
 S31       7402   THREE()COMPONENT??
 S32          3   13AND31
 S33        629   S18:S20 OR S24
 S34         10   S15 OR S21 OR S26:S27 OR S32
 S35          0   29AND30
 S36         49   S29:S30 NOT S34
 S37          0   S36 AND INDICATOR
 S38          0   S36 AND INDICATING
 S39          7   S36 AND OUTPUT?
 S40          0   (SENSOR OR SENSING OR MICROSENS?)/TI AND DISPLAY?????/TI A-
                    ND LOGIC/TI
 S41         71   (SENSOR OR SENSING OR MICROSENS?)/TI AND DISPLAY?????/TI
 S42          0   S41 AND LOGIC
 S43         84   (SENSOR OR SENSING OR MICROSENS?)/TI AND LOGIC/TI
 S44         72   DISPLAY?????/TI AND LOGIC/TI
 S45          3   S31 AND S33:S44
 S46         17   S34 OR S39
 S47          0   S45 NOT S46
 S48       1113   SAME(2W)SUBSTRATE
 S49        362   ONE(2W)SUBSTRATE
 S50       1921   SINGLE(2W)SUBSTRATE
 S51        677   INTEGRATED(4W)SUBSTRATE
 S52       3880   S48:S51
 S53          3   13AND52
 S54          0   S53 NOT S46
```

```
S55      1105    INTEGRAT????(W)SENS????
S56       166    INTEGRAT????(W)DISPLAY?????
S57     10523    INTEGRAT????(W)LOGIC??
S58         0    55AND56
S59         2    55AND57
S60         0    56AND57
S61     26199    LOGIC??()CIRCUIT???
S62     26199    S1:S50 AND S61
S63     10332    S51:S60 AND S61
S64     26199    S62:S63
S65        11    S64 AND S31
S66         0    S65 AND S10
S67         0    S65 AND S12
S68        10    S13 AND SYSTEM(2W)CHIP
S69       259    S13 AND (CHIP OR MICROCHIP)
S70         0    S13 AND CSP
S71         3    S13 AND SOI
S72     11196    R1:R2 OR R5
S73         3    13AND72
S74         2    S71 NOT S68
S75         3    S13 AND S72
S76         2    S75 NOT S68
S77         2    S74 OR S76
S78     19787    (ONE OR INTEGRAT????? OR SINGLE OR SAME OR SYSTEM)(2W)CHIP
S79       116    13AND78
S80        11    31AND78
S81         8    S80 NOT (S77 OR S68 OR S59 OR S39 OR S34)
S82      4662    SYSTEM(2W)CHIP
S83      1963    S1:S13 AND S82
S84       170    S83 AND (SENSOR OR SENSING)
S85        56    S83 AND DISPLAY??????
S86       614    S83 AND LOGIC??
S87         4    84AND85
S88        15    84AND86
S89         8    85AND86
S90        27    S87:S89
```

```
        04jan05 10:46:48 User259284 Session D3014.3
SYSTEM:OS  - DIALOG OneSearch
   File    2:INSPEC 1969-2004/Dec W2
   File    6:NTIS 1964-2004/Dec W4
   File    8:Ei Compendex(R) 1970-2005/Dec W4
   File   25:Weldasearch 19662004/Mar
   File   31:World Surface Coatings Abs 1976-2004/Dec
   File   34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W4
   File   35:Dissertation Abs Online 1861-2004/Dec
   File   36:MetalBase 1965-20041231
   File   63:Transport Res(TRIS) 1970-2004/
   File   65:Inside Conferences 1993-2004/Dec W4
   File   81:MIRA - Motor Industry Research 2001-2004/Nov
   File   87:TULSA (Petroleum Abs) 1965-2004/Dec W2
   File   94:JICST-EPlus 1985-2004/Nov W4
   File   95:TEME-Technology & Management 1989-2004/Jun W1
   File   96:FLUIDEX 1972-2004/Dec
   File   99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov
   File  103:Energy SciTec 1974-2004/Dec B1
   File  104:AeroBase 1999-2004/Dec
   File  118:ICONDA-Intl Construction 1976-2004/Dec
   File  144:Pascal 1973-2004/Dec W1
   File  239:Mathsci 1940-2004/Feb
   File  240:PAPERCHEM 1967-2004/Dec W4
   File  248:PIRA 1975-2004/Dec W2
   File  315:ChemEng & Biotec Abs 1970-2004/Dec
   File  323:RAPRA Rubber & Plastics 1972-2004/Dec
   File  434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
   File  350:Derwent WPIX 1963-2004/UD,UM &UP=200482
   File  347:JAPIO Nov 1976-2004/Aug(Updated 041203)
   File  344:Chinese Patents Abs Aug 1985-2004/May
```

Set	Items	Description
S1	15175	SYSTEM(2W)CHIP
S2	51662	(SINGLE OR INTEGRAT??? OR ONE OR SAME)(2W)SUBSTRATE
S3	29667	SYSTEM(6N)SUBSTRATE
S4	25902	CHIP(6N)SUBSTRATE
S5	48	1AND2
S6	132	1AND3
S7	206	1AND4
S8	7	5AND6AND7
S9	6	RD S8 (unique items)
S10	23	2AND3AND4
S11	291	S5:S7 OR S10
S12	285	S11 NOT S9
S13	5004	DISPLAY????(6N)LOGIC??
S14	23589	DISPLAY???(6N)SENS???
S15	9496	LOGIC??(6N)SENS???
S16	51	13AND14AND15
S17	0	12AND13AND14
S18	0	12AND13AND15
S19	0	12AND14AND15
S20	2	12AND14
S21	0	12AND13
S22	2	12AND15
S23	1	S16 AND CHIP
S24	4	S16 AND SUBSTRATE
S25	0	S16 AND MICROSUBSTRATE
S26	0	S16 AND MICROCHIP
S27	9	S20:S26
S28	9	RD S27 (unique items)
S29	9	S28 NOT S9
S30	92	6AND7
S31	200	S5 OR S10 OR S16 OR S30
S32	160	RD S31 (unique items)
S33	149	S32 NOT (S8 OR S28)
S34	95	S33 AND S1
S35	48	S33 AND S2

```
S36        77    S33 AND S3
S37        80    S33 AND S4
S38         0    S13:S15 AND S34:S37
S39        41    S13:S15 AND S33
S40         2    S39/1999
S41         4    S39/1998
S42         1    S39/1997
S43         0    S39/1996
S44         2    S39/1995
S45         0    S39/1994
S46         1    S39/1993
S47         1    S39/1992
S48         0    S39/1991
S49         2    S39/1990
S50         2    S39/1989
S51         3    S39/1988
S52         3    S39/1987
S53         1    S39/1986
S54         2    S39/1985
S55         0    S39/1984
S56         2    S39/1983
S57         3    S39/1982
S58         3    S39/1981
S59         2    S39/1980
S60         1    S39/1979
S61         1    S39/1978
S62         1    S39/1977
S63         0    S39/1976
S64         1    S39/1975
S65         0    S39/1974
S66         0    S39/1973
S67         0    S39/1972
S68         1    S39/1971
S69         0    S39/1970
S70         0    S39/1969
S71         0    S39/1968
S72        33    S40:S71
S73    122557    INTEGRATED(3N)SYSTEM
S74       272    S13:S15 AND S73
S75         8    S74 AND (SUBSTRATE OR CHIP OR MICROCHIP OR WAFER)(5N)INTEGRATED
S76         5    RD S75 (unique items)
S77         2    S1:S4 AND S74
S78         0    S77 NOT S75
S79      1346    S1:S4 AND S73
S80        34    S79 AND DISPLAY
S81         9    S79 AND INDICATOR
S82       135    S79 AND OUTPUT
S83        30    S80:S82 AND SENS???
S84        24    RD S83 (unique items)
S85        24    S84 NOT (S72 OR S76)
S86         0    S85 AND THREE
S87         3    S85 AND SAME
S88         1    S85 AND PIXEL?????
```

SYSTEM:OS - DIALOG OneSearch
     File   9:Business & Industry(R) Jul/1994-2005/Jan 03
     File   15:ABI/Inform(R) 1971-2005/Jan 01
     File   16:Gale Group PROMT(R) 1990-2005/Jan 04
     File   18:Gale Group F&S Index(R) 1988-2005/Jan 04
     File   20:Dialog Global Reporter 1997-2005/Jan 03
     File   36:MetalBase 1965-20041231
     File   80:TGG Aerospace/Def.Mkts(R) 1982-2005/Jan 04
     File 148:Gale Group Trade & Industry DB 1976-2004/Jan 03
     File 160:Gale Group PROMT(R) 1972-1989
     File 256:TecInfoSource 82-2004/Dec
     File 275:Gale Group Computer DB(TM) 1983-2005/Jan 04
     File 481:DELPHES Eur Bus 95-2004/Dec W2
     File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
     File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jan 04
     File 624:McGraw-Hill Publications 1985-2004/Dec 28
     File 635:Business Dateline(R) 1985-2005/Jan 01
     File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 04
     File 647:CMP Computer Fulltext 1988-2005/Dec W3
     File 674:Computer News Fulltext 1989-2004/Dec W2
     File 696:DIALOG Telecom. Newsletters 1995-2005/Jan 03

Set   Items   Description
S1   72277   SYSTEM(2W)CHIP
S2   351706   (COMPACT OR INTEGRATED OR INTEGRAL OR INTEGRATING)(4N)SYSTEM
S3   62739   (COMPACT OR INTEGRATED OR INTEGRAL OR INTEGRATING)(6N)(CHIP OR MICROCHIP OR
SUBSTRATE OR WAFER OR DIE)
S4   8520   1AND2
S5   10905   1AND3
S6   9678   2AND3
S7   5714   5AND6
S8   8   S7 AND (SENSOR OR MICROSENSOR)(7N)DISPLAY?????
S9   8   S7 AND (SENSOR OR MICROSENSOR)(7N)OUTPUT?????
S10   22   S7 AND (SENSOR OR MICROSENSOR)(7N)PIXEL?????
S11   34   S8:S10
S12   0   S11 AND LOGIC??(7N)SENS???
S13   0   S11 AND LOGIC??(12N)SENS???
S14   30   S11 AND (CPU OR PROCESSING OR PROCESSOR OR CMOS OR MOS OR MOSFET OR
CMOSFET)(12N)SENS???
S15   0   S11 AND LOGIC??/TI,AB,ID,DE
S16   11   S11 AND LOGIC??
S17   11   14AND16
S18   6   RD S17 (unique items)

04jan05 11:16:13 User259284 Session D3014.5

File 155:MEDLINE(R) 1951-2004/Dec W1
        (c) format only The Dialog Corp.

Set	Items	Description
S1	83	LOGIC??(12N)SENS???
S2	721	DISPLAY?(12N)SENS???
S3	40	DISPLAY?(12N)LOGIC??
S4	0	1AND2AND3
S5	0	1AND2
S6	0	1AND3
S7	1	2AND3
S8	26	SYSTEM(2W)CHIP
S9	19	S8/2000-2005
S10	7	S8 NOT S9

04jan05 11:18:48 User259284 Session D3014.6

SYSTEM:OS - DIALOG OneSearch
  File   5:Biosis Previews(R) 1969-2004/Dec W3
  File 73:EMBASE 1974-2004/Dec W4

Set   Items   Description
S1   36   SYSTEM(2W)CHIP
S2   30   RD S1 (unique items)
S3   22   S2/2000-2005
S4   8   S2 NOT S3

File 305:Analytical Abstracts 1980-2004/Dec W3
      (c) Royal Soc Chemistry

Set	Items	Description
S1	18	SYSTEM(2W)CHIP
S2	15	S1/2000-2005
S3	3	S1 NOT S2
S4	1131	(SENS??? OR DETECT????) AND (CHIP OR MICROCHIP OR SEMICOND-??????(2N)SUBSTRATE)
S5	67	S4 AND (DISPLAY???? OR PIXEL?????? OR GUI OR GRAPHIC????-?? OR VISUAL??? OR OUTPUT??????)
S6	1	S5 AND LOGIC
S7	10	S5 AND CIRCUIT
S8	0	S5 AND MICROCIRCUIT
S9	23	S5 AND SYSTEM
S10	0	S5 AND CPU
S11	1	S5 AND PROCESSOR?
S12	2	S5 AND MICROPROCESSOR?
S13	2	7AND9
S14	5	S6 OR S11:S13
S15	199	(BIODETECT? OR BIOSENS?) AND (CHIP OR MICROCHIP OR SEMICON-D??????(2N)SUBSTRATE)
S16	12	S15 AND (DISPLAY????? OR PIXEL?????? OR GUI OR GRAPHIC???-??? OR VISUAL??? OR OUTPUT??????)
S17	11	S16 AND S1:S14
S18	8	S3 OR S14
S19	9	S17 NOT S18
S20	1	S19/2000-2005
S21	8	S19 NOT S20

04jan05 11:28:46 User259284 Session D3014.8

SYSTEM:OS - DIALOG OneSearch
   File 348:EUROPEAN PATENTS 1978-2004/Dec W03
         (c) European Patent Office
   File 349:PCT FULLTEXT 1979-2002/UB=20041230,UT=20041223
         (c) WIPO/Univentio

```
Set     Items   Description
S1       2214   IC='H01L-027/14':IC='H01L-027/148'
S2       2455   SYSTEM(2W)CHIP
S3      84855   (SINGLE OR INTEGRAT??? OR ONE OR SAME)(2W)(CHIP OR MICROCH-
                IP OR SUBSTRATE OR WAFER OR DIE)
S4          9   1AND2
S5        417   1AND3
S6       1257   2AND3
S7          6   4AND5
S8          9   S4 OR S7
S9        183   S5:S6 AND DISPLAY???????/TI,AB,CM
S10       733   S5:S6 AND (SENS??? OR MICROSENS???? OR BIOSENS???? OR DETE-
                CT????? OR BIODETECT???? OR MICRODETECT?????)/TI,AB,CM
S11      1171   S5:S6 AND (LOGIC?? OR CIRCUIT??? OR PROCESSOR?? OR MICROPR-
                OCESS???? OR CPU OR CMOS???? OR MOS OR MOSFET???)/TI,AB,CM
S12       257   S5:S6 AND (COMPACT OR CSP OR IC OR CHIPSCAL? OR SYSTEM(2W)-
                CHIP)/TI,AB,CM
S13        80   9AND10AND11
S14        15   9AND10AND12
S15        83   10AND11AND12
S16        13   14AND15
S17        14   S5:S16 AND VISUAL????/AB
S18        14   S17 NOT S16
S19        14   S18 AND S1:S3
```

04jan05 11:41:28 User259284 Session D3014.9

SYSTEM:OS - DIALOG OneSearch
  File 34:SciSearch(R) Cited Ref Sci 1990-2004/Dec W4
  File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	367	CR='SEILER K, 1992, IN PRESS ANAL CHIM A':CR='SEILER K, 1994, V66, P3485, ANAL CHEM'
S2	2	S1 AND SYSTEM(2W)CHIP
S3	0	S1 AND LOGIC
S4	7	S1 AND DISPLAY??????
S5	9	S2:S4
S6	1	S1 AND SEMICONDUCT??????(3N)(CHIP? ? OR MICROCHIP? ? OR DIE OE DIES OR WAFER??? OR SUBSTRATE??)
S7	10	S1 AND (LABORATOR???? OR LAB OR LABS OR MICROLAB?)(3N)(CHIP? ? OR MICROCHIP? ? OR DIE OE DIES OR WAFER??? OR SUBSTRATE? ?)
S8	9	S7 NOT (S6 OR S5)

Logoff: level 04.20.00 D 11:47:31